

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139027.D
 Acq On : 15 Aug 2024 17:37
 Operator : RC/JU
 Sample : P3580-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 925-K1-SD-0-0.5-081224

Quant Time: Aug 15 17:58:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	35870	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	142874	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	78452	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	134287	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	67313	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	70336	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	199748	85.961	ng	0.00
7) Phenol-d6	6.481	99	266988	85.578	ng	0.00
23) Nitrobenzene-d5	7.398	82	176049	60.244	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	55297	86.048	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	281931	53.995	ng	-0.02
79) Terphenyl-d14	12.933	244	215108	53.504	ng	-0.01

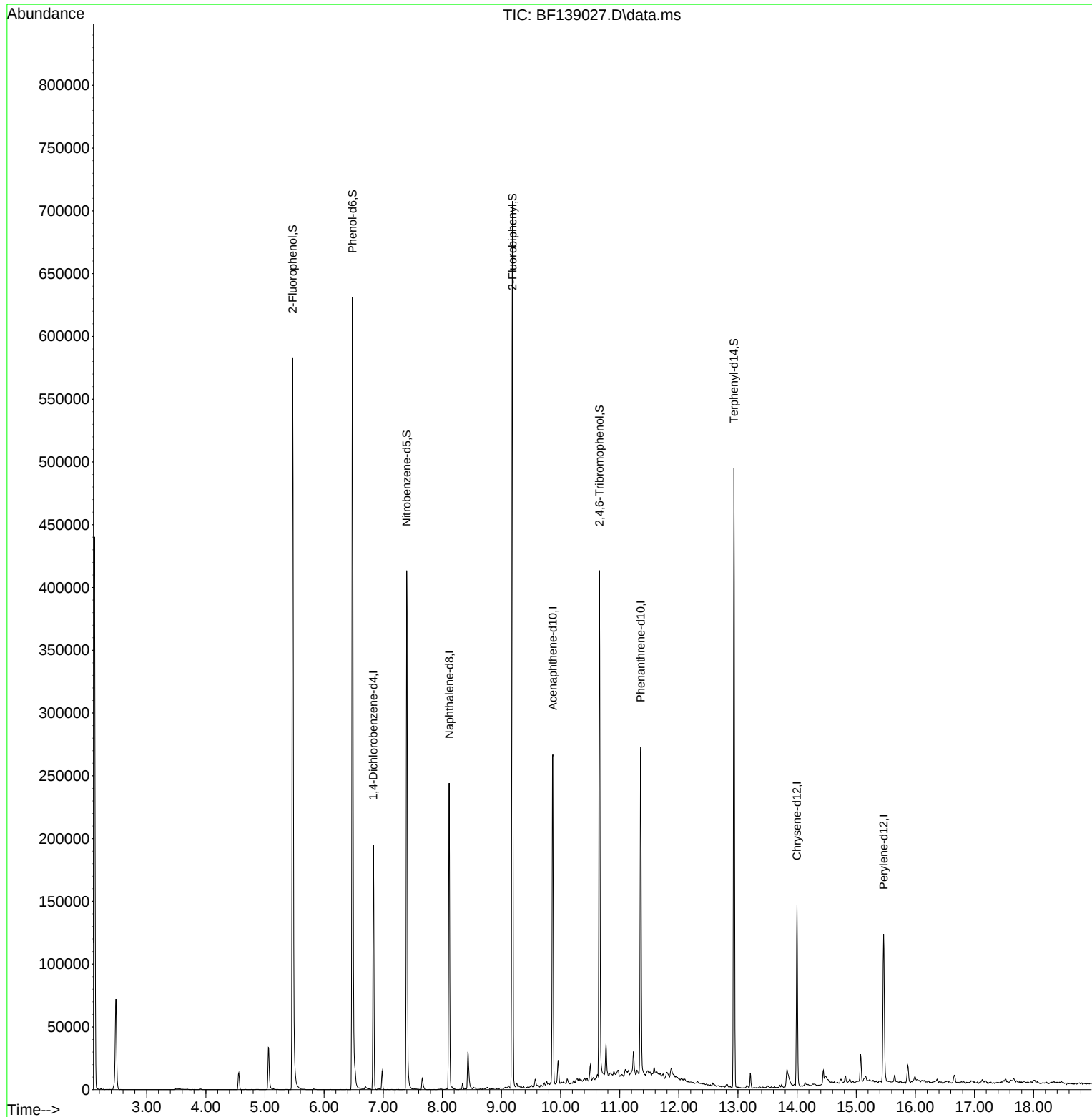
Target Compounds	Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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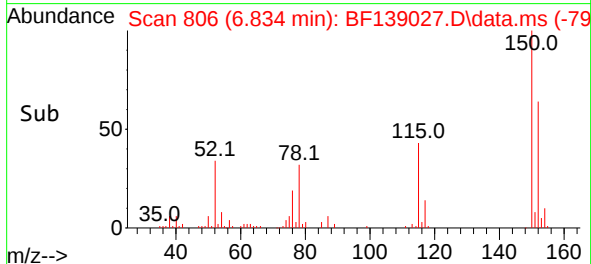
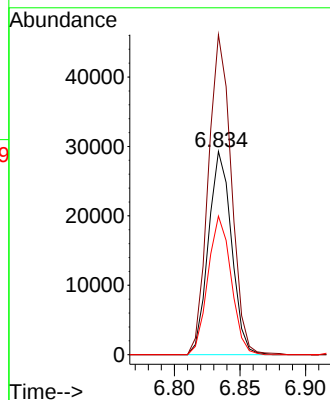
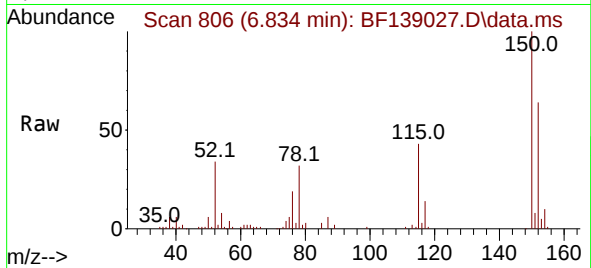




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF139027.D
Acq: 15 Aug 2024 17:37

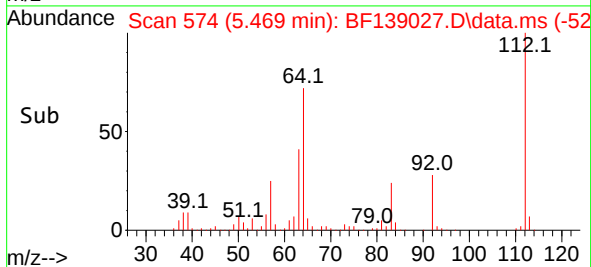
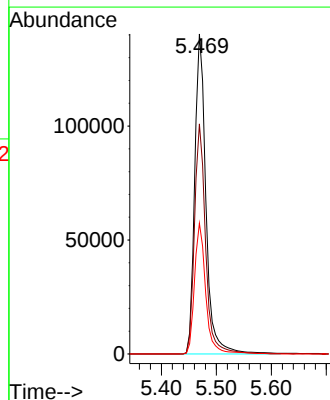
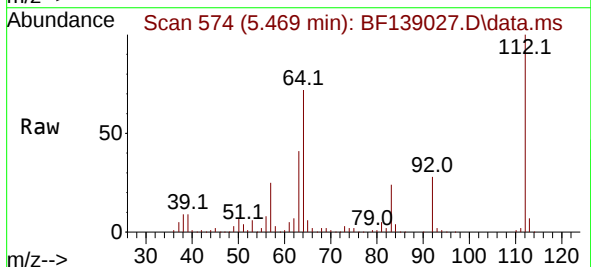
Instrument :
BNA_F
ClientSampleId :
925-K1-SD-0-0.5-081224

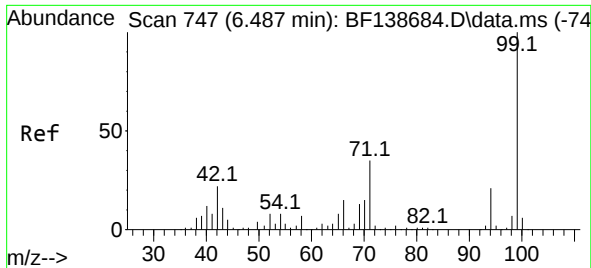
Tgt Ion:152 Resp: 35870
Ion Ratio Lower Upper
152 100
150 157.5 126.0 189.0
115 68.2 51.7 77.5



#5
2-Fluorophenol
Concen: 85.961 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF139027.D
Acq: 15 Aug 2024 17:37

Tgt Ion:112 Resp: 199748
Ion Ratio Lower Upper
112 100
64 71.9 54.2 81.4
63 40.9 28.7 43.1

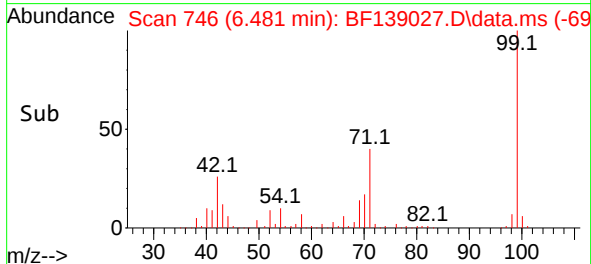
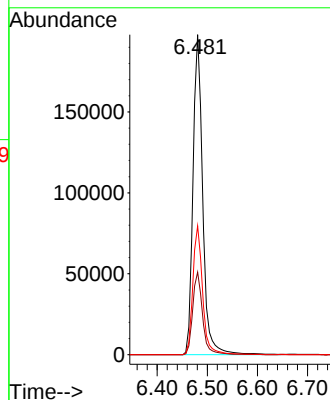
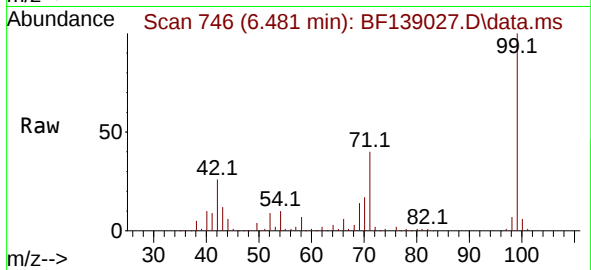




#7
Phenol-d6
Concen: 85.578 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139027.D
Acq: 15 Aug 2024 17:37

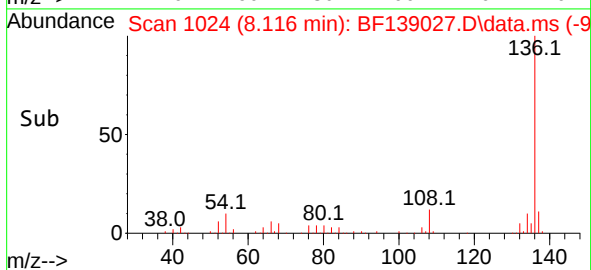
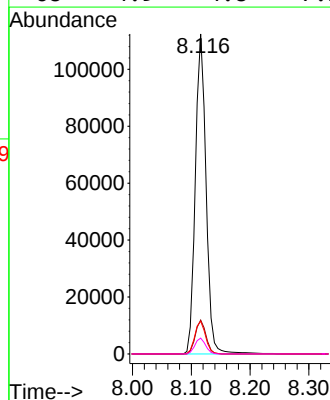
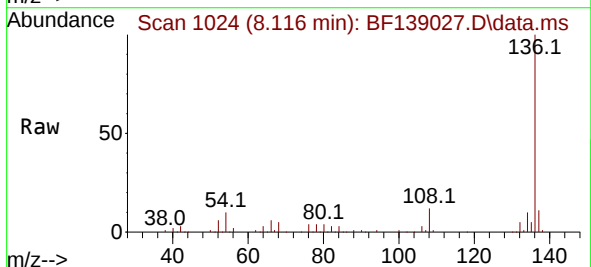
Instrument :
BNA_F
ClientSampleId :
925-K1-SD-0-0.5-081224

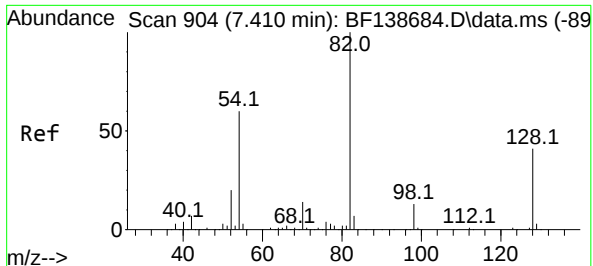
Tgt Ion: 99 Resp: 266988
Ion Ratio Lower Upper
99 100
42 25.8 17.4 26.0
71 40.2 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139027.D
Acq: 15 Aug 2024 17:37

Tgt Ion: 136 Resp: 142874
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 10.3 8.6 12.8
68 4.9 4.8 7.2





#23

Nitrobenzene-d5

Concen: 60.244 ng

RT: 7.398 min Scan# 904

Delta R.T. -0.012 min

Lab File: BF139027.D

Acq: 15 Aug 2024 17:37

Instrument :

BNA_F

ClientSampleId :

925-K1-SD-0-0.5-081224

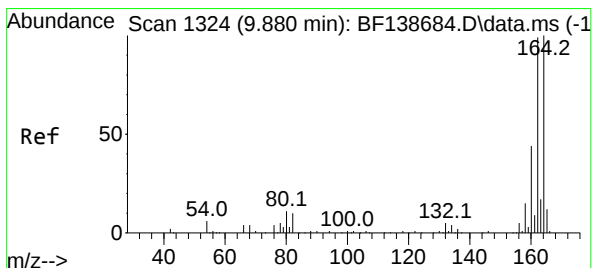
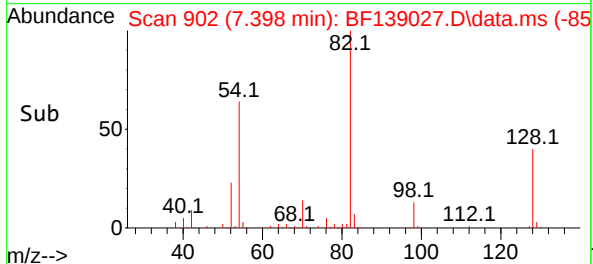
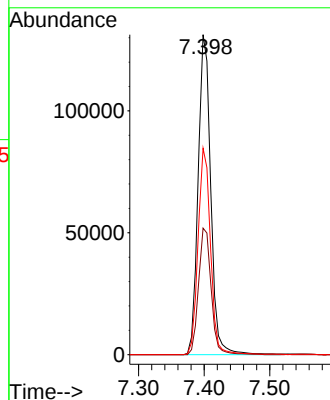
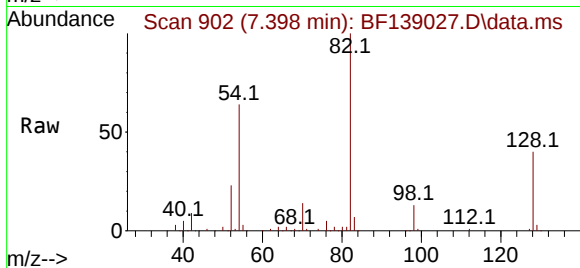
Tgt Ion: 82 Resp: 176049

Ion Ratio Lower Upper

82 100

128 39.5 32.8 49.2

54 64.5 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.011 min

Lab File: BF139027.D

Acq: 15 Aug 2024 17:37

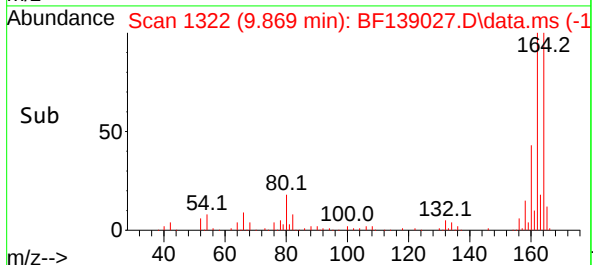
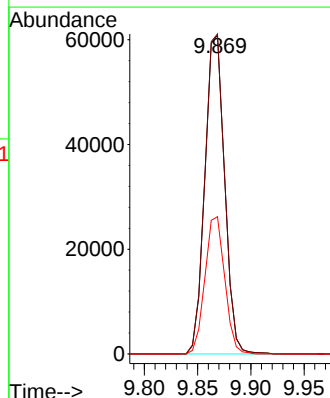
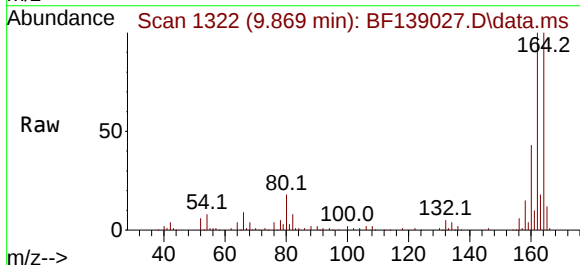
Tgt Ion:164 Resp: 78452

Ion Ratio Lower Upper

164 100

162 100.4 79.4 119.0

160 43.1 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 86.048 ng

RT: 10.657 min Scan# 1456

Delta R.T. -0.012 min

Lab File: BF139027.D

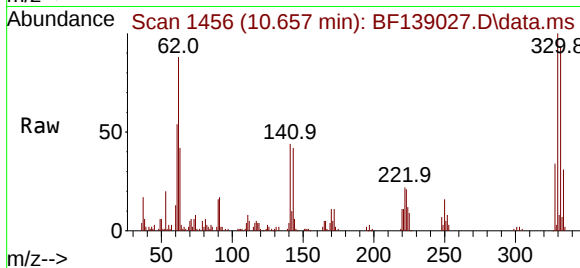
Acq: 15 Aug 2024 17:37

Instrument :

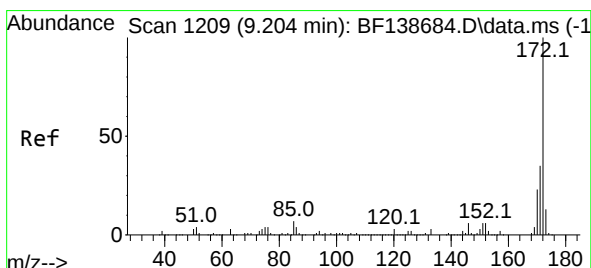
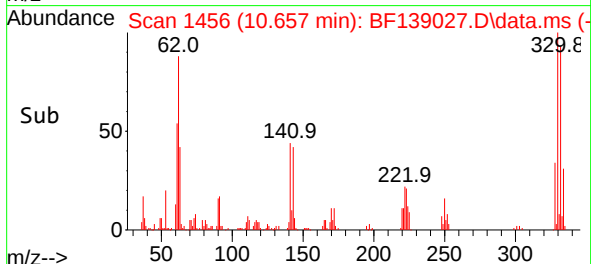
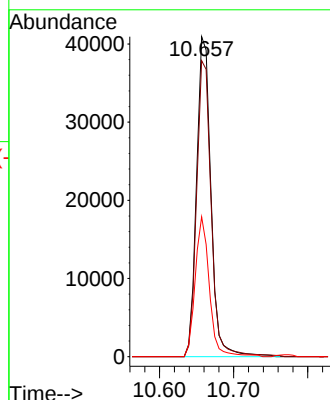
BNA_F

ClientSampleId :

925-K1-SD-0-0.5-081224



Tgt Ion:	330	Resp:	55297
Ion Ratio	Lower	Upper	
330	100		
332	93.8	76.4	114.6
141	43.0	31.1	46.7



#45

2-Fluorobiphenyl

Concen: 53.995 ng

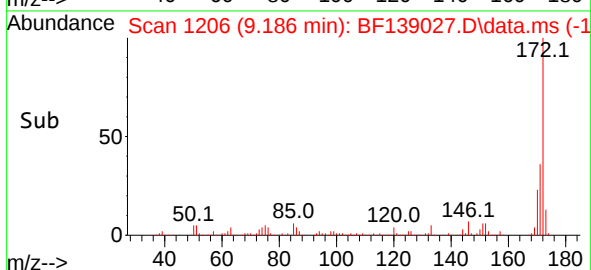
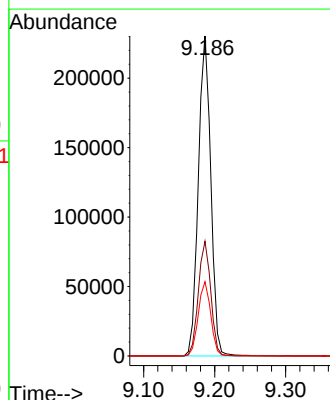
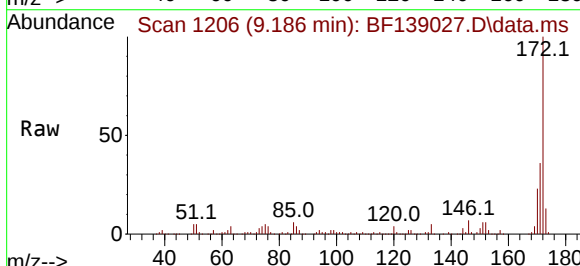
RT: 9.186 min Scan# 1206

Delta R.T. -0.018 min

Lab File: BF139027.D

Acq: 15 Aug 2024 17:37

Tgt Ion:	172	Resp:	281931
Ion Ratio	Lower	Upper	
172	100		
171	35.8	28.3	42.5
170	23.2	18.8	28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF139027.D

Acq: 15 Aug 2024 17:37

Instrument :

BNA_F

ClientSampleId :

925-K1-SD-0-0.5-081224

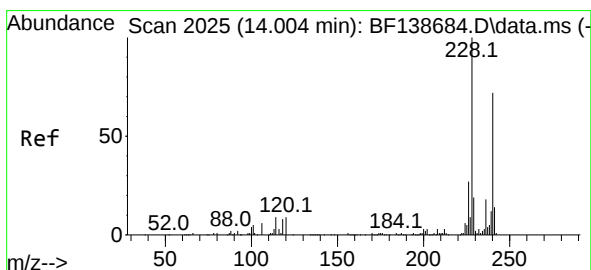
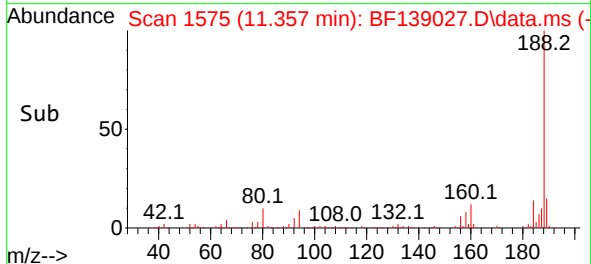
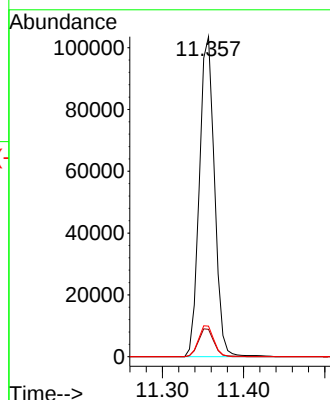
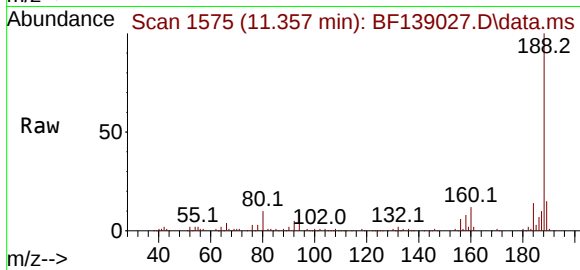
Tgt Ion:188 Resp: 134287

Ion Ratio Lower Upper

188 100

94 8.6 7.6 11.4

80 9.6 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF139027.D

Acq: 15 Aug 2024 17:37

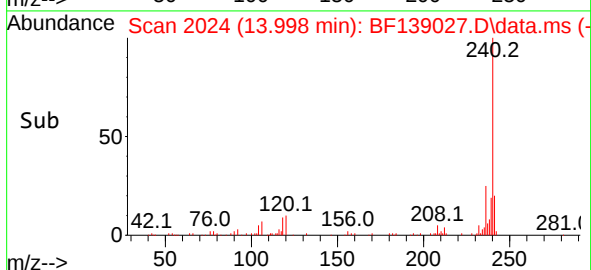
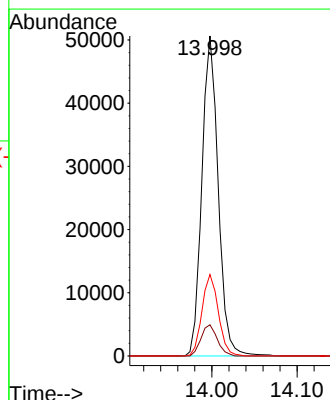
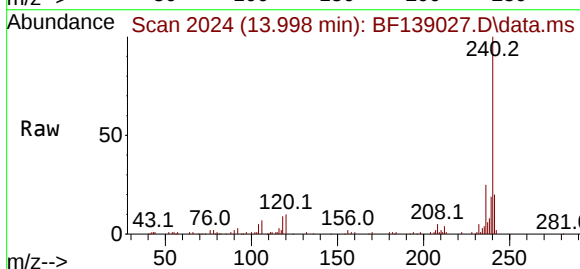
Tgt Ion:240 Resp: 67313

Ion Ratio Lower Upper

240 100

120 9.8 10.2 15.4#

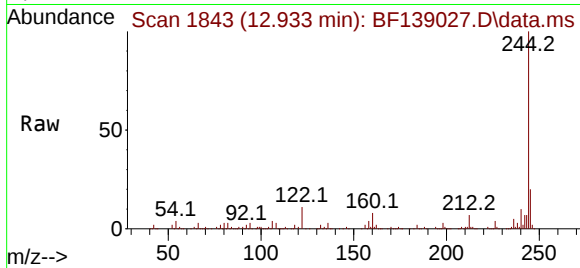
236 25.5 19.8 29.8



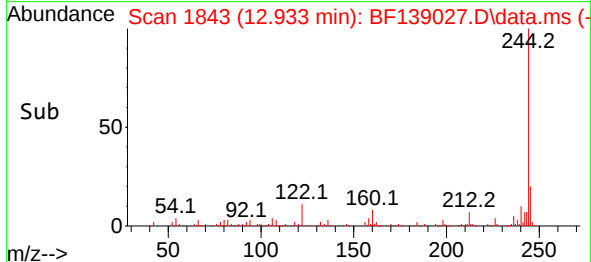
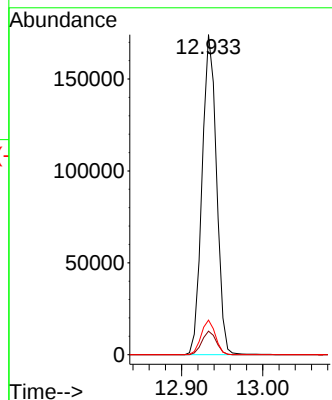


#79
 Terphenyl-d14
 Concen: 53.504 ng
 RT: 12.933 min Scan# 1843
 Delta R.T. -0.012 min
 Lab File: BF139027.D
 Acq: 15 Aug 2024 17:37

Instrument :
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Tgt Ion:244 Resp: 215108
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 10.8 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF139027.D
 Acq: 15 Aug 2024 17:37

Tgt Ion:264 Resp: 70336
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.6
 265 21.3 17.0 25.6

